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PEOPLE'S REPUBLIC OF CHINA**

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**Specification for manufacturing execution system function and
implement of cigarette industry enterprise
(English Translation)**

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Foreword

Accordance with the standards GB/T 1.1-2009. Drafting Rules "Standardization Guide Part 1 standard structure and preparation of" given.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of

these patents.

This standard was proposed by the State Tobacco Monopoly Bureau.

This standard by the National Standardization Technical Committee on Tobacco Information Technical Committee (SAC/TC144/SC7) centralized.

This standard was drafted. State Tobacco Monopoly Bureau Tobacco Economic Information Center, China Tobacco Shandong Industrial Co., Ltd., Beijing Soft International Information Technology Co., Ltd.

Introduction

This standard feature cigarette industry enterprises are widely implemented Manufacturing Execution System requirements, technical requirements and the implementation of the organization, etc.

The induction and consolidation, and strive to.

--- Raising cigarette industrial enterprises of manufacturing execution systems understanding, and thus more accurate and comprehensive definition of the demand for manufacturing execution system;

--- Provide the specific needs of industrial enterprises for the production of cigarette execution system suppliers to make the products and services provided more needles Sexual;

--- Speed up the progress of implementation of manufacturing execution systems, and enhance the implementation of the results;

--- Manufacturing Execution System specification of functional requirements, technical requirements, which can achieve integration in the tobacco industry.

The cigarette industry standard for enterprise responsible for the information technology business leaders, information technology sector as well as production-related departments and enterprises Personnel, but also for manufacturing execution systems supplier reference.

Chapter 3 gives a manufacturing execution systems and product development, the implementation of the relevant terminology, application, etc., in order to unify manufacturing execution systems understanding.

Chapter 4 gives the State Tobacco Monopoly Bureau, the tobacco industry and its affiliated companies in the cigarette factory cigarette production control business operators must Relations policy, directing and production execution, given suitable cigarette industrial enterprise information application system hierarchy, which can be clearly Status and the possible role of manufacturing execution systems in the overall structure.

Chapter 5, combined with the characteristics of the proposed Cigarette Factory Manufacturing Execution System functionality requirements.

Chapter 6 manufacturing execution systems to be achieved main business processes were highlighted.

Chapter 7 presents the technical requirements of manufacturing execution systems, including the system should meet the architectural requirements, performance requirements, deployment requirements. Simultaneously Made between manufacturing execution systems and other key information systems must implement the data exchange requirements.

Chapter 8 gives a cigarette industrial enterprises production execution system needs, staff composition, the division of responsibilities, and explains each order Paragraph should work carried out in order to accelerate the process of implementation of the system.

Cigarette Factory Manufacturing Execution System (MES) Functional specification and implementation

1 Scope

This standard specifies the definitions of terms cigarette industrial enterprise manufacturing execution systems, hierarchical models, functional requirements, the main business processes, technology Requirements and implementation requirements.

This standard applies to cigarette industrial enterprise manufacturing execution systems research, development, implementation, consulting, training and application. Also for the production and execution Other work-related reference line systems.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 20720.1-2006 Enterprise Control System Integration Part 1. Models and Terminology

3 Terms and Definitions

The following terms and definitions apply to this document.

Enterprise resource planning system enterpriseresourceplanning (ERP) Based on information technology, integration of modern enterprise management ideas advanced, fully integrated enterprise logistics, information flow and cash flow for the company offers management, planning, control and performance evaluation of systematic management platform.